

Materials Engineering CoP Meeting Minutes
4/19/12

Attendees:

Burnaby – Shawn McDougall
El Segundo – Kelley Mobley, Matt Anderson
Cape Town –
Hawaii –
Pascagoula – Orin Wakefield
Salt Lake –
Richmond – Tom Wisherop, Jessica Stankiewicz, Praneil Prasad
ETC – Dave Cooke, Bill Coyle
Reliability COE – Carol Ann Laughlin
Absent –

Guests:

- 10 min - LPS Moment – Orin
- Orin spoke about OSHA web site and mentioned that it has some useful videos showing re-enactments of industry-wide incidents. The video can be seen here:
http://www.osha.gov/video/shipyard_accidents/10_crane_swinging_load.html
- 15 min – Learnings from Corrosion 2012 – Dave Cooke shared his learnings on nap acid testing:
 1. Honeywell presented on the nap acid JIP work. Phase II is just beginning, Phase I ended a year ago. Phase I studied corrosion using an autoclave and test conditions to simulate sidecut piping conditions (not condensing or transfer line conditions). Samples were primarily carbon steel to 304L SS. Phase II research will address higher wall shear stress conditions such as transfer line conditions. Presentation attached:



Presentation - NA PII
- Kickoff Mtg - March

- ~~15 min – Hardness testing requirements – Maricela (next month)~~



FW Brinell hardness
requirements.msg

- 15 min – Update on HTHA Reviews – Jessica/Dave for Carol-Ann
 1. The ROC and Process BIN leaders have approved the HTHA program and recommended one or two plants at each refinery that should be at the top of the priority list for completing in 2012. These are plants that have not been recently reviewed via other programs (such as the ETC Metallurgy Reviews or NHTs) and have had significant changes made to the plant. Other, less urgent plants, can be completed as the IMPACT schedule dictates. See list below:



2. Dave spoke with the FENT this week on HTHA. Carol Ann and Dave are presenting to Refinery managers from all the Refineries in May. C-1/2 Mo program update report is still on hold for being issued but we have all seen the draft and are aware of the updates and recommendations.
 3. Bill reminded us that the ETC Metallurgy Reviews may have action items that have not been acted upon. ETC can help review these reports and call out the HTHA-related items.
- 5 min – agenda items for next time and wrap up – Jessica

Future topics:

- *May meeting--discussion about the 2013 Tech Development projects*
- *Materials Engineers' Role in Asset Strategies – Carol-Ann*
- *Interesting findings-*
- *Corrosion monitoring*
- *Key reliability threats*
- *NACE and API learnings*
- *New technologies*
- *Corrosion control best practices*
- *Gary Y is interested in knowing what the role of Mat Engs is in MOCs*
- *Materials Engineers' involvement in IMPACT*